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FIG.1

PRIOR ART

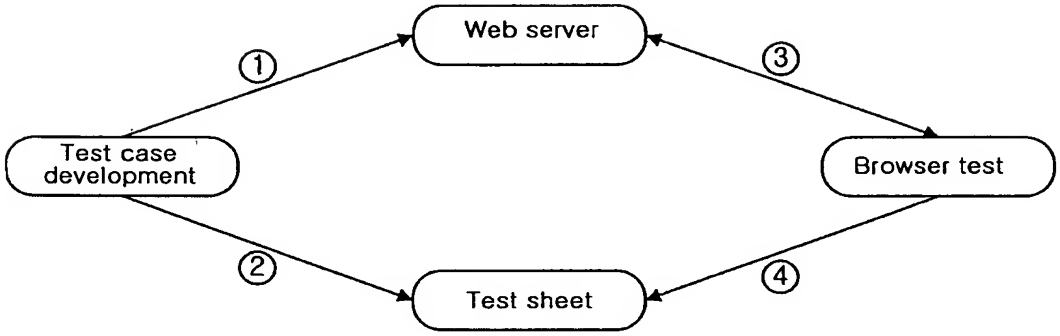


FIG.2

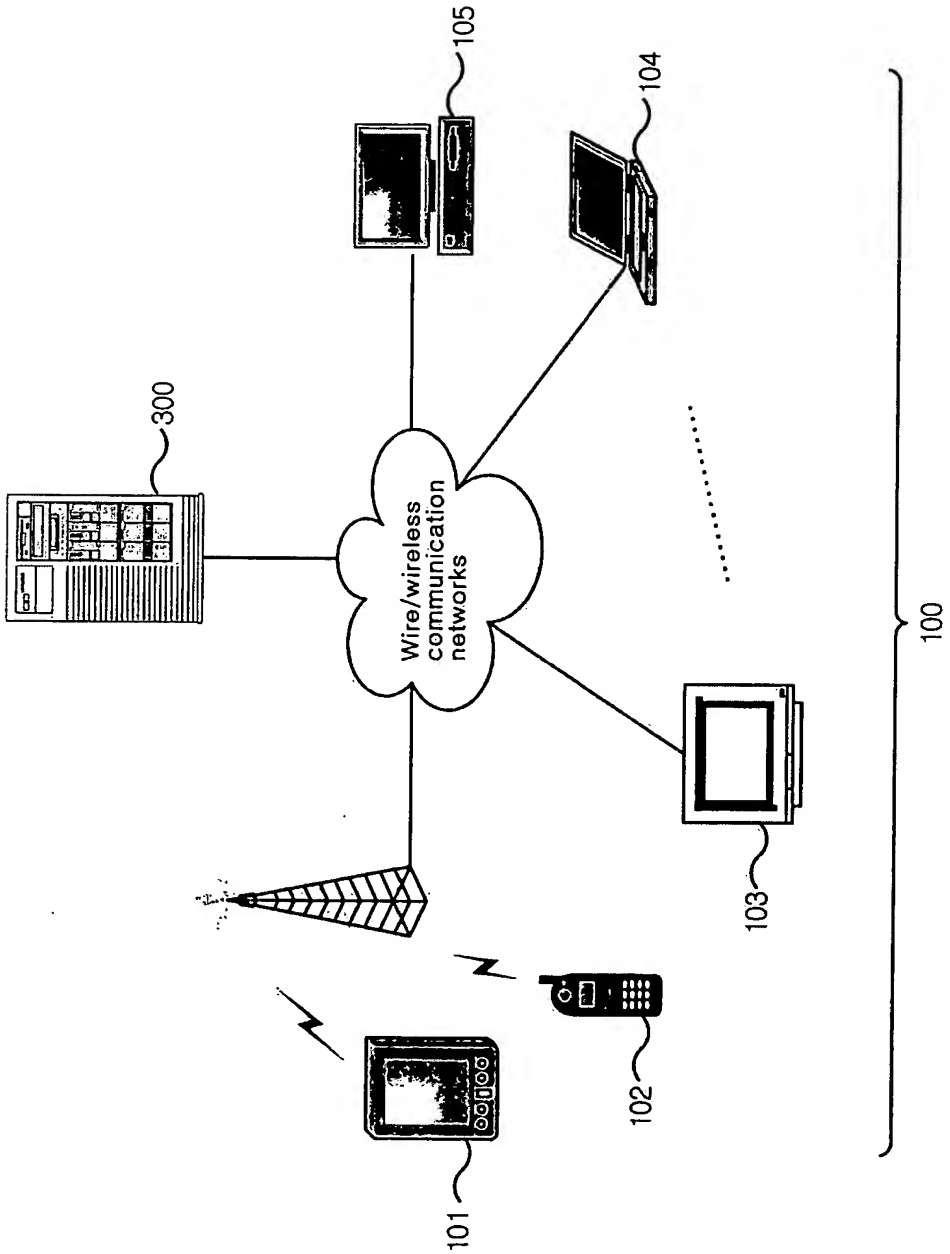

105
104
300
Wire/wireless communication networks
100
103
102
101

FIG.3

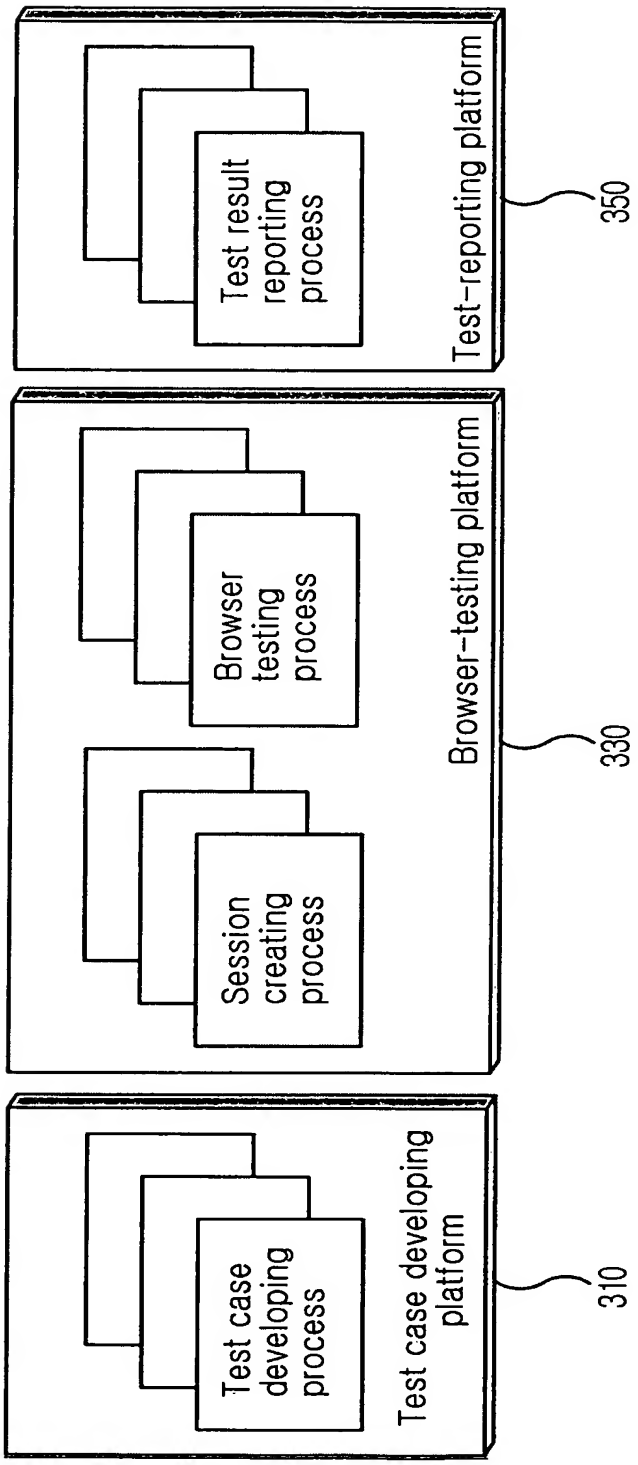

Test result reporting process
Test-reporting platform
350
Browser testing process
Session creating process
Browser-testing platform
330
Test case developing process
Test case developing platform
310

FIG.4

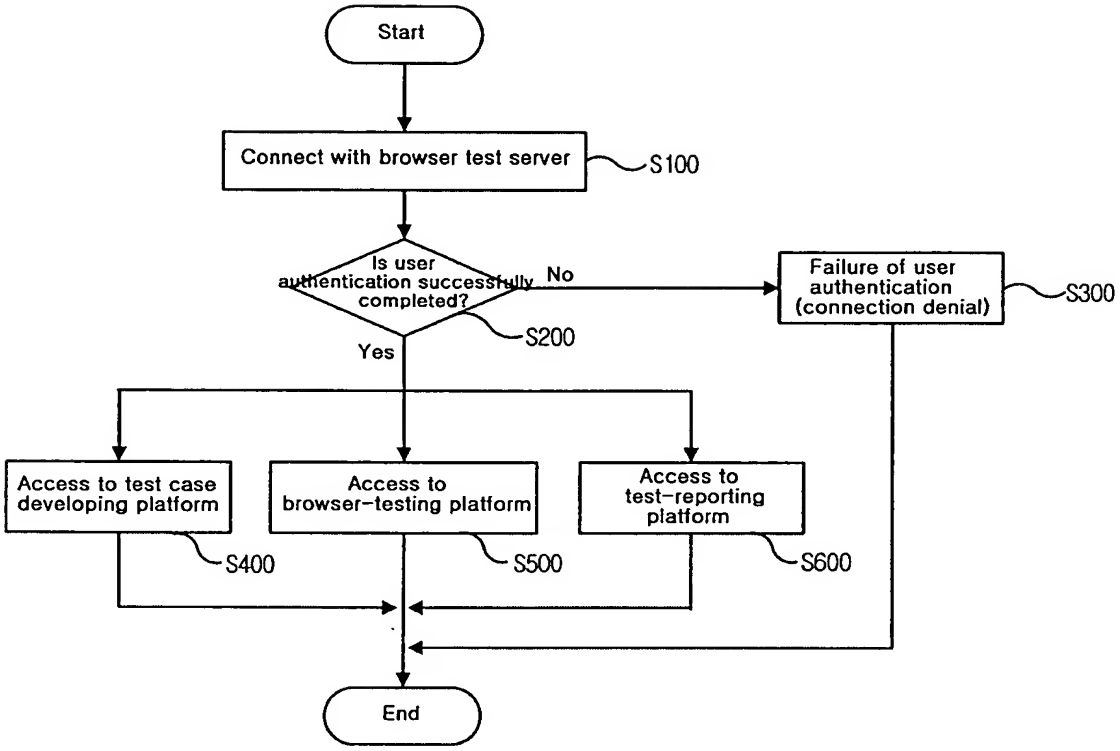

Start
Connect with browser test server
S100
Is user authentication successfully completed?
S200
No
Failure of user authentication (connection denial)
S300
Yes
Access to test case developing platform
S400
Access to browser-testing platform
S500
Access to test-reporting platform
S600
End

FIG.5

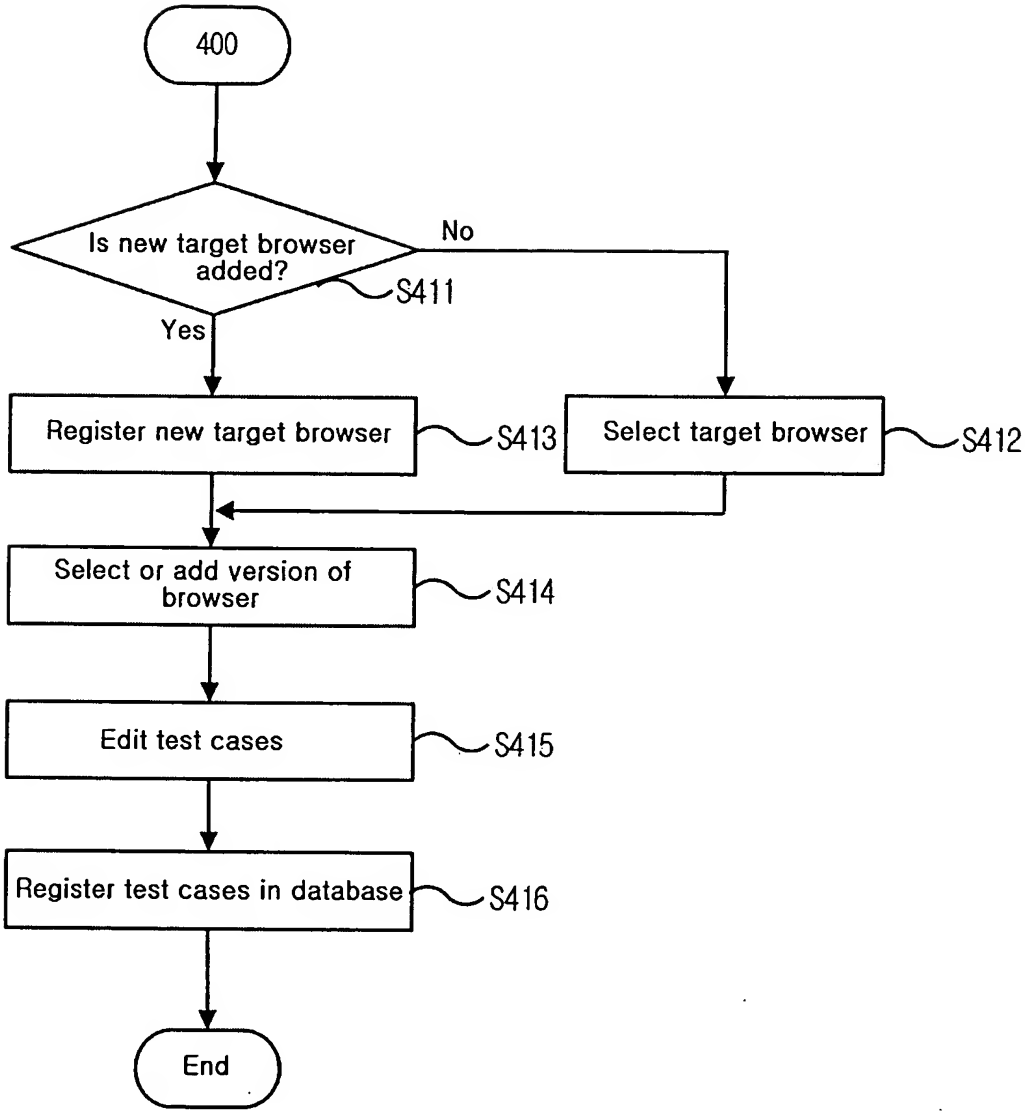

400
Is new target browser added?
S411
No
Yes
Register new target browser
S413
Select target browser
S412
Select or add version of browser
S414
Edit test cases
S415
Register test cases in database
S416
End

FIG.6

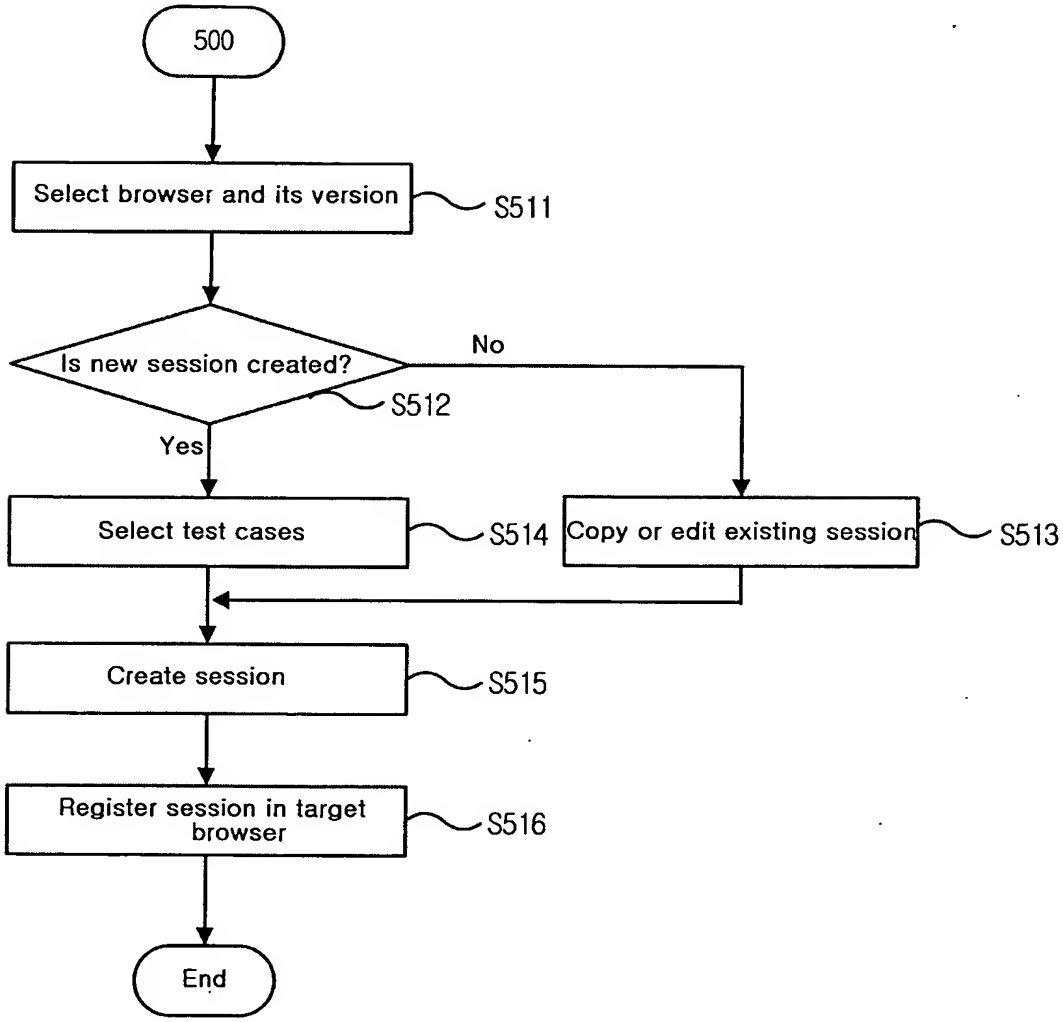

500
Select browser and its version
S511
Is new session created?
S512
No
Yes
Select test cases
S514
Copy or edit existing session
S513
Create session
S515
Register session in target browser
S516
End

FIG.7

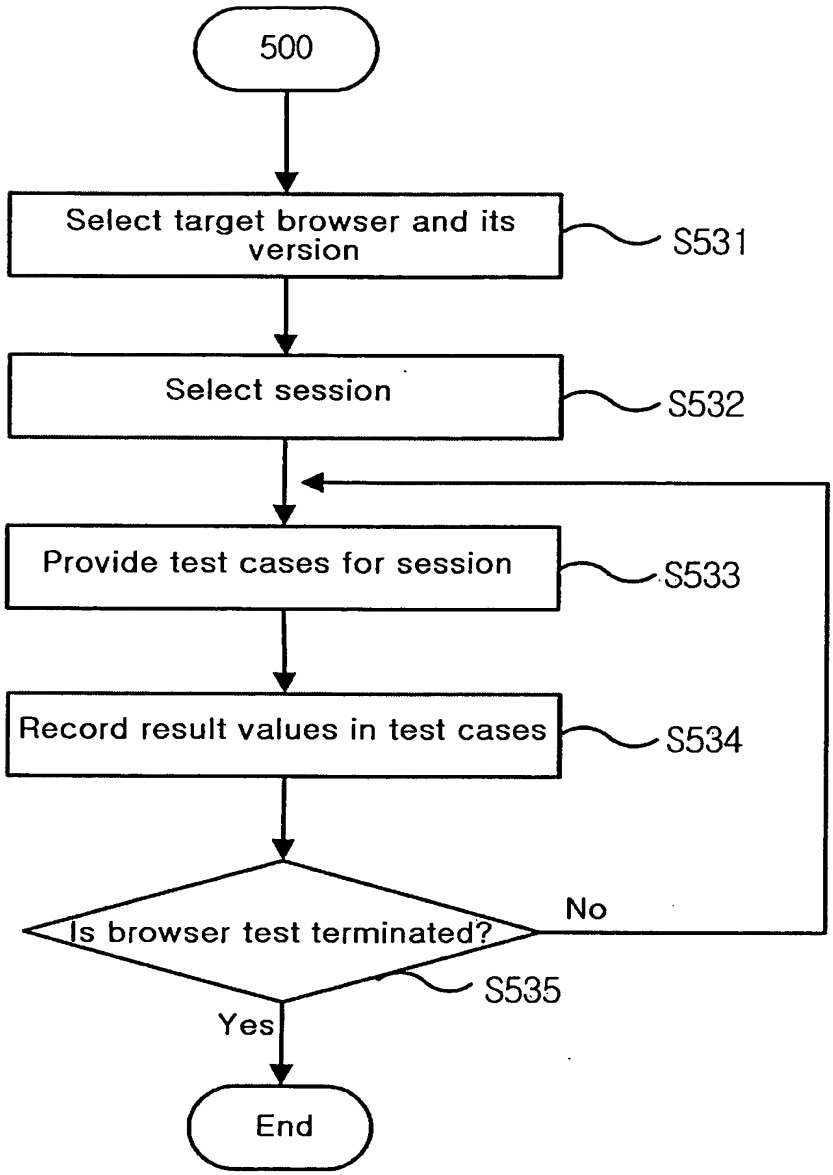

500
Select target browser and its version
S531
Select session
S532
Provide test cases for session
S533
Record result values in test cases
S534
Is browser test terminated?
S535
No
Yes
End

FIG.8

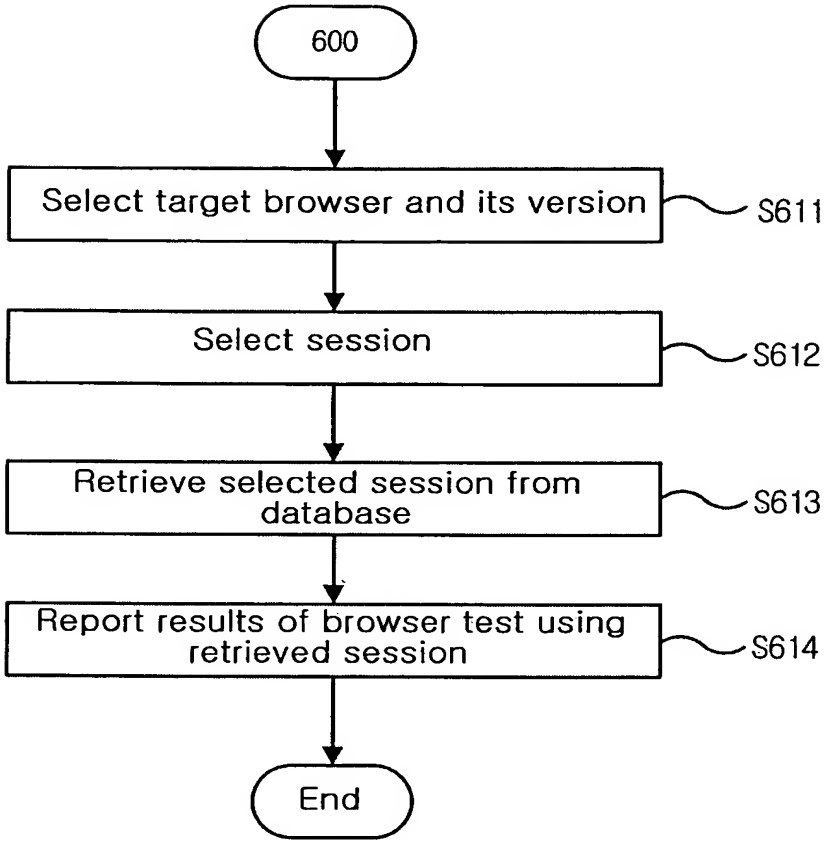

600
Select target browser and its version
S611
Select session
S612
Retrieve selected session from database
S613
Report results of browser test using retrieved session
S614
End

FIG.9

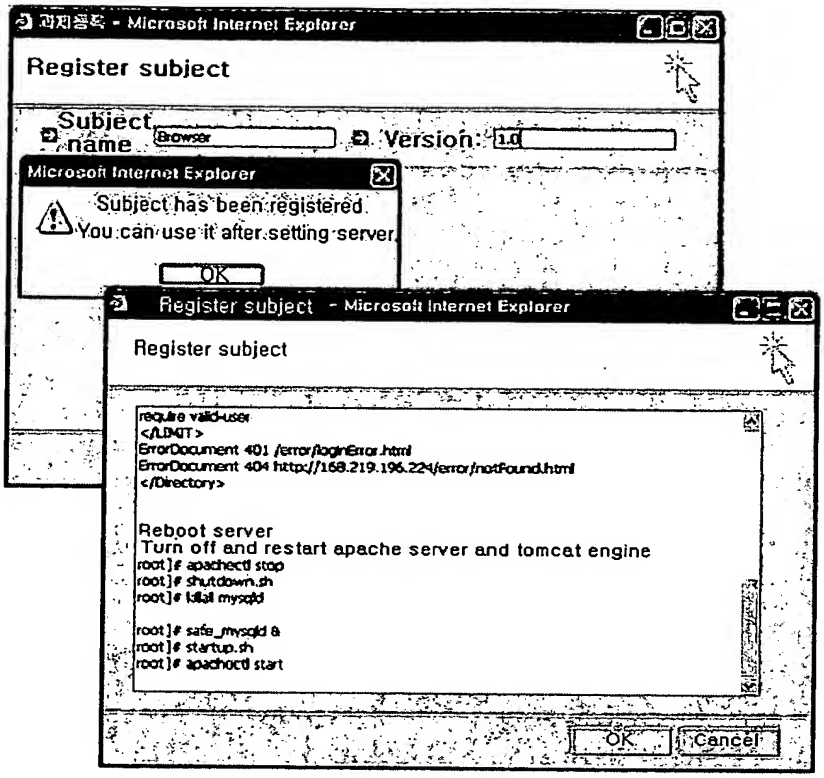

Microsoft Internet Explorer
Register subject
Subject name
Browser
Version:
1.0
Microsoft Internet Explorer
Subject has been registered.
You can use it after setting server.
OK
Register subject - Microsoft Internet Explorer
Register subject
require valid-user
</LIMIT>
ErrorDocument 401 /error/loginError.html
ErrorDocument 404 http://168.219.196.224/error/notFound.html
</Directory>
Reboot server
Turn off and restart apache server and tomcat engine
root]# apachectl stop
root]# shutdown.sh
root]# killall mysqld
root]# safe_mysqld &
root]# startup.sh
root]# apachectl start
OK
Cancel

FIG.10

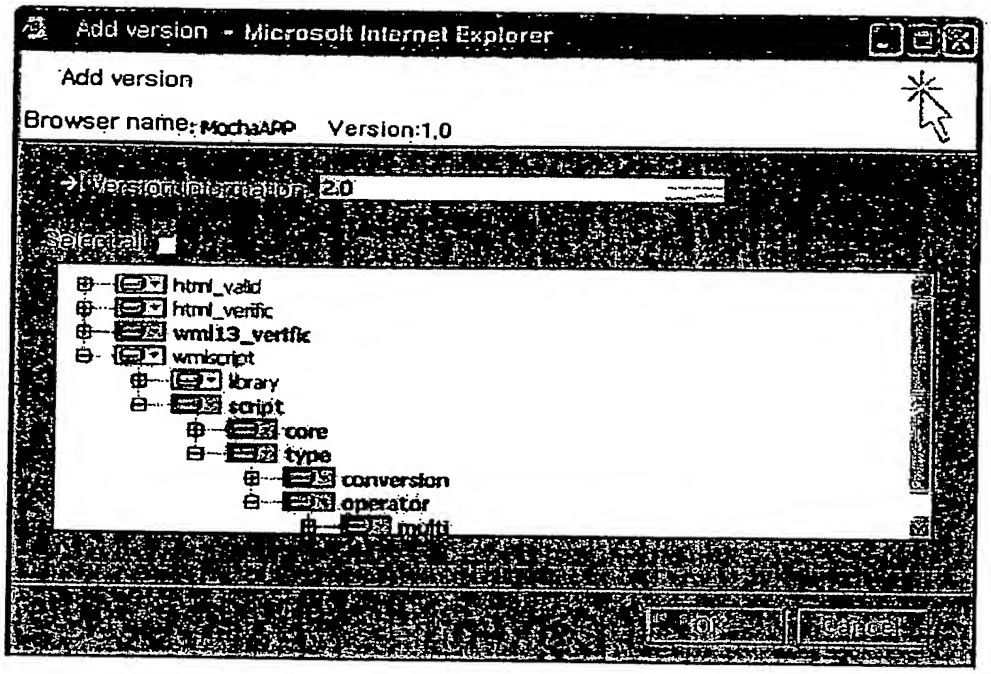
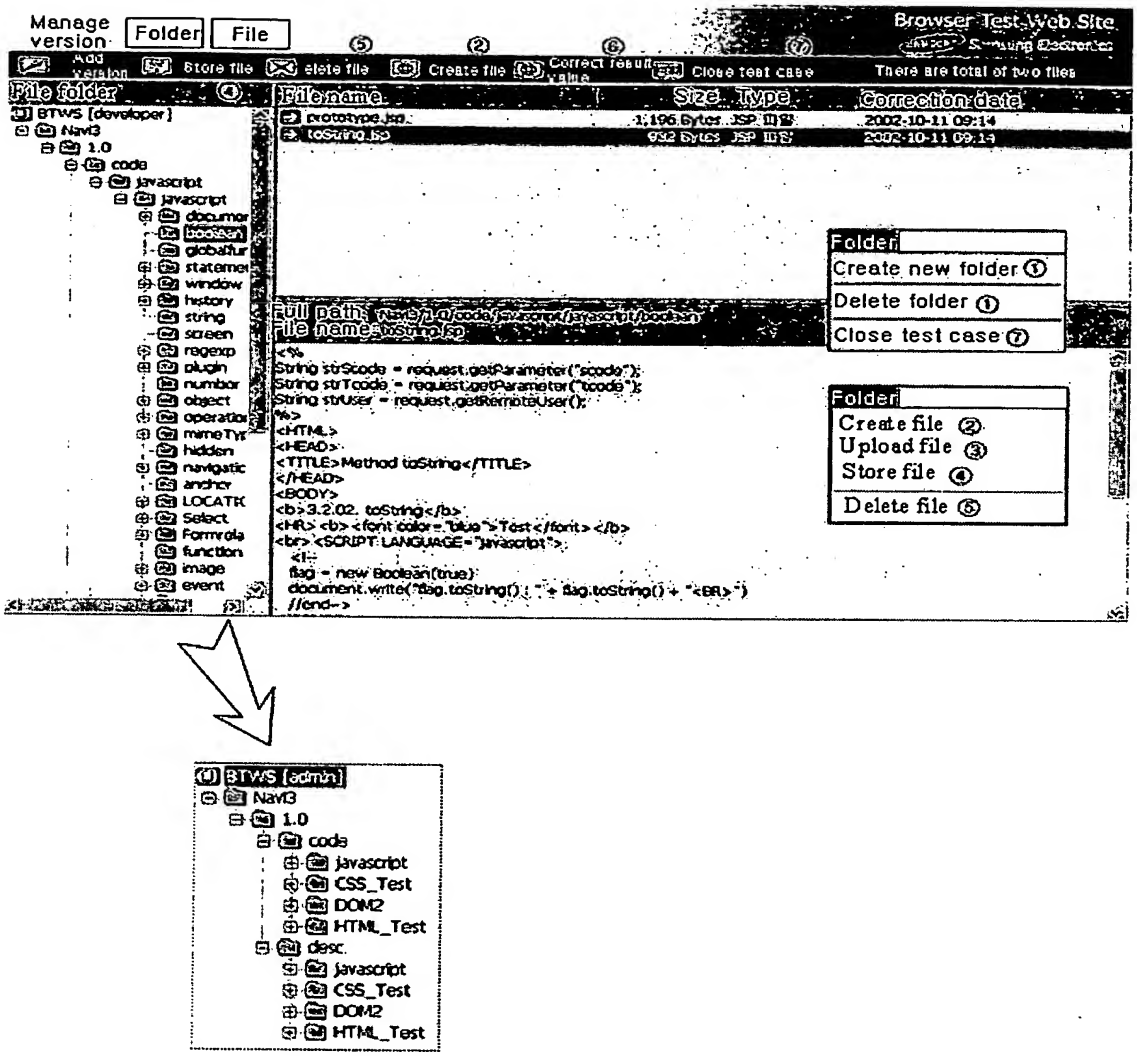

Add version - Microsoft Internet Explorer
Add version
Browser name: MochaAPP Version:1.0
Version information 2.0
Select all
html_valid
html_vertific
wml13_vertfic
wmlscript
library
script
core
type
conversion
operator
OK
Cancel

FIG.11


Manage version
Folder
File
Browser Test Web Site
Add version
Store file
Delete file
Create file
Correct result value
Close test case
There are total of two files
File folder
File name
Size
Type
Correction date
BTWS [developer]
Navi3
1.0
code
javascript
prototype.jsp
1,196 Bytes
JSP
2002-10-11 09:14
toString.jsp
932 Bytes
JSP
2002-10-11 09:14
Folder
Create new folder ①
Delete folder ①
Close test case ⑦
Full path
File name
Folder
Create file ②
Upload file ③
Store file ④
Delete file ⑤
<%
String strScode = request.getParameter("scode");
String strTcode = request.getParameter("tcode");
String strUser = request.getRemoteUser();
%>
<HTML>
<HEAD>
<TITLE>Method toString</TITLE>
</HEAD>
<BODY>
3.2.02. toString
<HR> Test

 <SCRIPT LANGUAGE="javascript">
<!--
flag = new Boolean(true);
document.write("flag.toString() : " + flag.toString() + "<BR>");
//end-->
BTWS [admin]
Navi3
1.0
code
javascript
CSS_Test
DOM2
HTML_Test
desc
javascript
CSS_Test
DOM2
HTML_Test

FIG.12

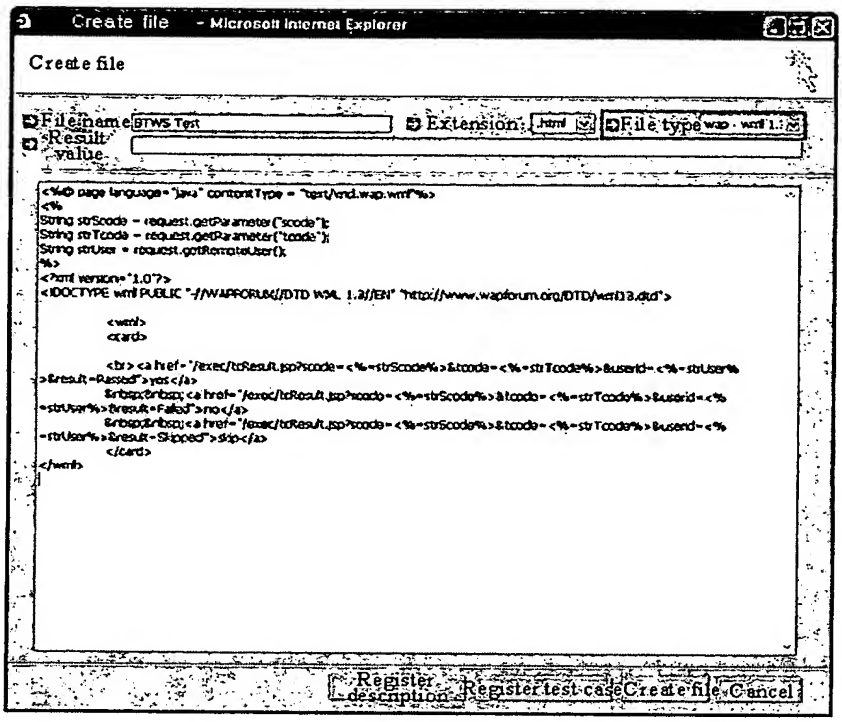

Create file - Microsoft Internet Explorer
Create file
Filename
BTWS Test
Extension:
File type
Result value
Register description
Register test case
Create file
Cancel

FIG.13

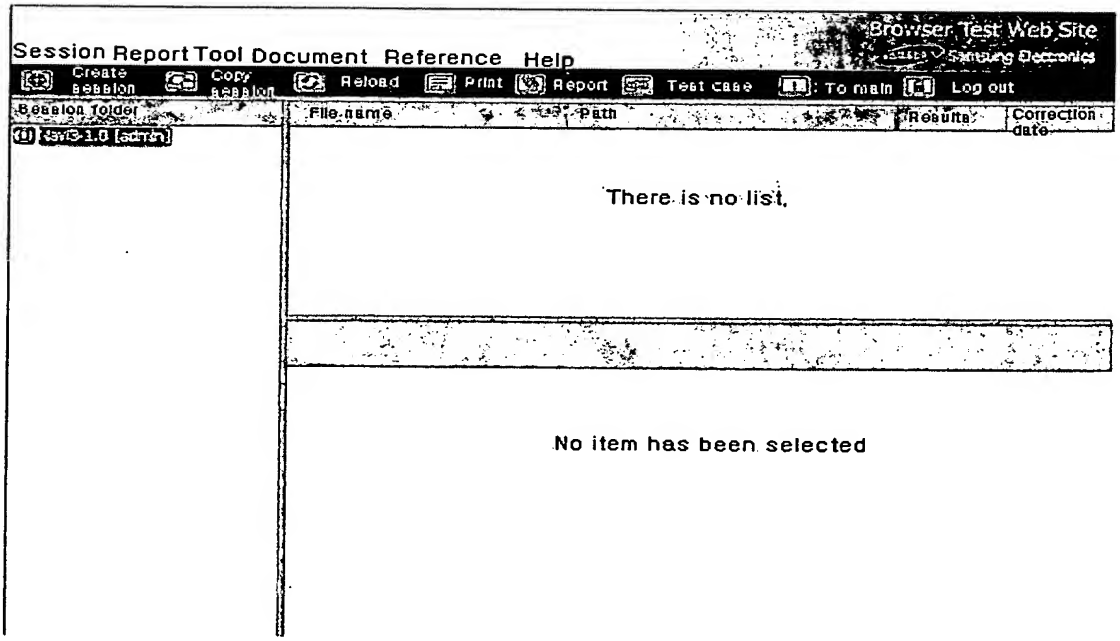

Browser Test Web Site
Session Report Tool Document Reference Help
Create session
Copy session
Reload
Print
Report
Test case
To main
Log out
Session folder
File name
Path
Results
Correction date
There is no list.
No item has been selected

FIG.14

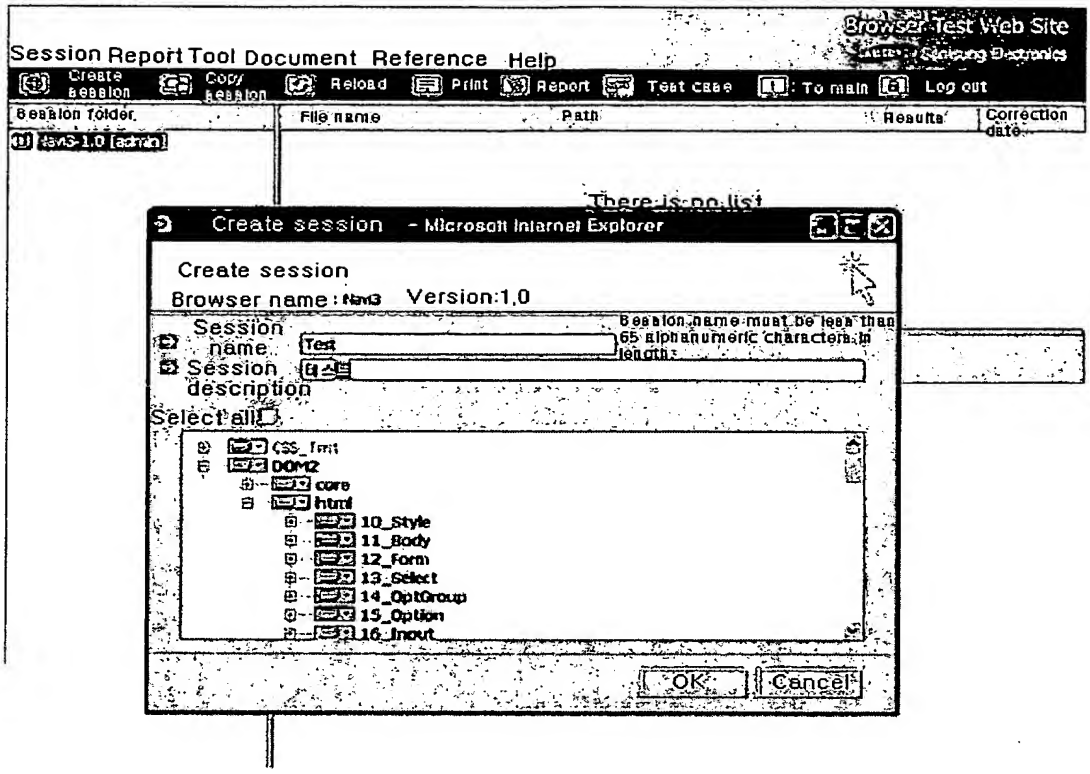

Browser Test Web Site
Session Report Tool Document Reference Help
Create session
Copy session
Reload
Print
Report
Test case
To main
Log out
Session folder
File name
Path
Results
Correction date
There is no list
Create session - Microsoft Internet Explorer
Create session
Browser name : Nav3 Version:1.0
Session name
Test
Session description
Session name must be less than 65 alphanumeric characters in length.
Select all
CSS_Fmt
DOM2
core
html
10_Style
11_Body
12_Form
13_Select
14_OptGroup
15_Option
16_Input
OK
Cancel

FIG.15

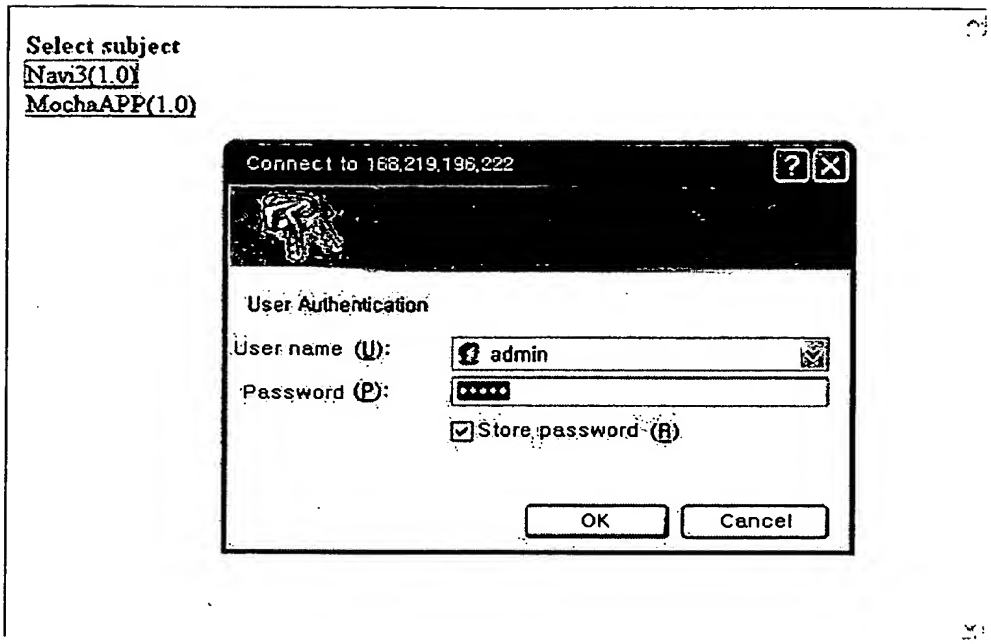

Select subject
Navi3(1.0)
MochaAPP(1.0)
Connect to 168.219.196.222
User Authentication
User name (U):
admin
Password (P):
Store password (R)
OK
Cancel

FIG.16

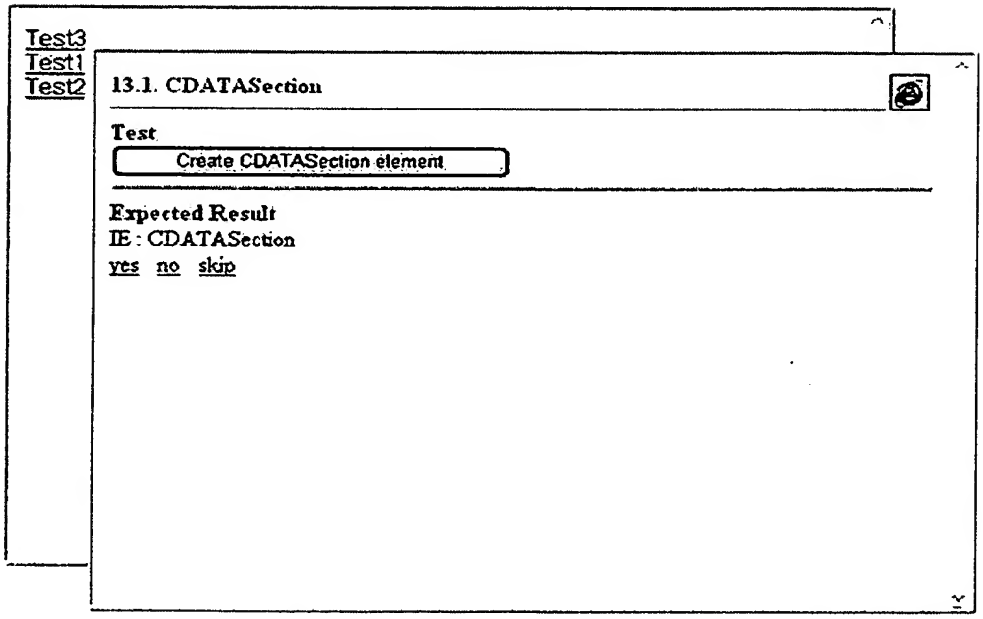

Test3
Test1
Test2
13.1. CDATASection
Test
Create CDATASection element
Expected Result
IE : CDATASection
yes no skip

FIG.17

Test result report

The following is a report on test results of Version 1.0 of Navi3 browser.

1. User information
1) User name
2) Department name
3) E-mail address

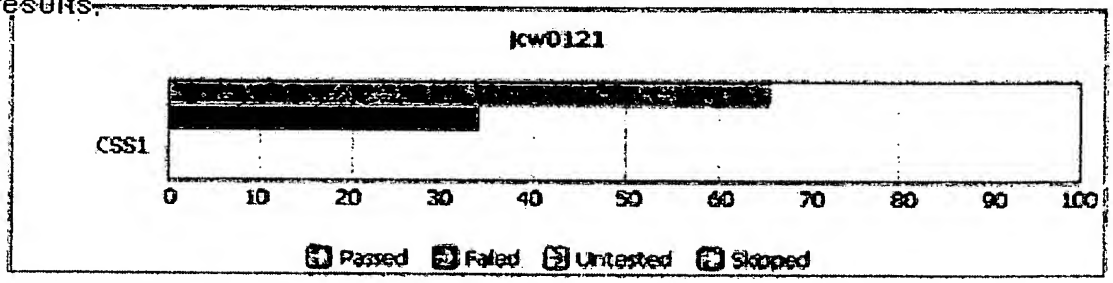
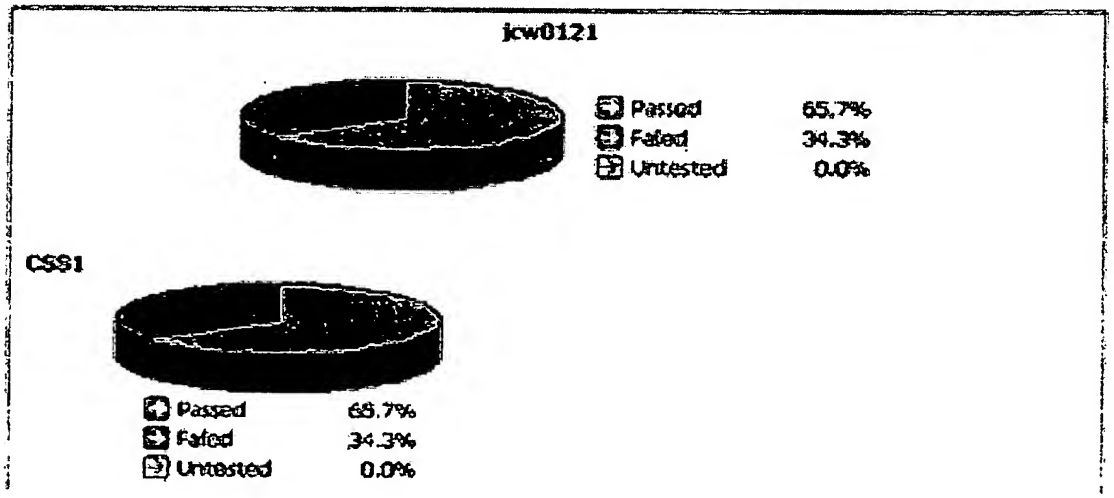
2. Test execution information

1) Session information

Session name	Description	Creation date
CSS1	nemo	2002-12-11

2) Result table

Session name	Sum	Passed	Failed	Untested	Skipped	Passed ratio
CSS1	0	23	12	0	0	65.7%
TOTAL	35	23 (65.7%)	12 (34.3%)	0 (0.0%)	0 (0.0%)	

3) Graph

The following are graphs of resultant ratios prepared based on the test results.